Name: Abiral Pandey
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Current Location: Woonsocket, Rhode Island
Visa Status: US Citizen

SUMMARY:

- Dynamic individual with 6 years of software development experience in **design, development, deployment, maintenance, production** and **support** of web - based and Client-Server business applications using **OOP** and **Java/J2EE technologies**.
- Exposure to all phases of **Software Development Life Cycle(SDLC)** using Agile, RUP, Waterfall.
- Designed and developed web UI screen using **Angular-JS**.
- Developed **AngularJS Controllers, Services, filters** and **directives** for various modules in the application.
- Knowledge on ETL tools like **Kettle Pentaho** and **Microsoft SSIS tools.**
- Created **custom directives, decorators** and **services** using AngularJS to interface with both RESTful and legacy network services also DOM applications.
- Experience with MVC frameworks like **Struts, SPRING** and ORM tools like **Hibernate**.
- Experienced in working with batch jobs using **Spring-Batch, Autosys** and **Quartz**.
- Worked extensively with XML related technologies like XML/XSLT to process, validate, parse and extract data from XML using **DOM** and **SAX** parsers for **DTD** and **SCHEMA**and also worked with **JAX-B**.
- Strong experience in J2EE technologies like **Java Beans, Servlets, JSP (including custom tags), JSTL, JDBC, Struts, Spring, JMS, JNDI** and **Multithreading**.
- Expertise in web development technologies like **HTML, DHTML, XHTML, CSS, Java Script, JQuery, JSF, AJAX, Bootstrap JS, Node JS** and **Angular JS.**
- Experienced in **RESTful web services using JAX-RS, Jersey framework** and **SOAP using JAX-WS, Axis-2 framework**.
- Expert knowledge over J2EE Design Patterns like **MVC, Adapter, Front End Controller, Value object, Singleton, Session Facade, Business Delegate, Factory DAO** in designing the architecture of large applications.
- Experience in using **Maven** and **Ant** build scripts for the project build automation.
- Experience in using version control and configuration management tools like **SVN, Clear Case** and **CVS**.
- Expertise in working with various Application Servers such as **IBM WebSphere, JBoss, Glassfish, Oracle WebLogic** and **Apache Tomcat server**.
- Good knowledge in using IDE's such as **Eclipse, NetBeans, JBuilder, RAD** and **STS.**
- Expertise in working with Relational databases such as **Oracle, PostgreSQL, DB2, MySQL** and NoSQL database **MongoDB**.
- Experience in database design using PL/SQL to write **Stored Procedures, Functions, Triggers, views** and good at writing complex queries for Oracle 10g/11g.
- Good experience in developing test cases with **JUnit** for Unit testing, Load testing and logging using **Log4J**.
- Experienced in using Operating Systems like **Windows 98 / 2000 / NT / XP, AIX, Sun Solaris**.
- Proficient in **software documentation** and **technical report writing**.
- Involved in Performance analysis and improvements of the application using tools like **Jmeter** and using commands on **Unix box** to resolve deadlocks and improve performance.

TECHNICAL SKILLS:

Programming Languages: Java/J2EE, PL/SQL, Unix Shell Scripts
Java/J2EE Technologies: JavaBeans, collections, Servlets, JSP, JDBC, JNDI, RMI, EJB
Frameworks: Struts 1.x/2.x, Spring 2.5/3.0, Web Framework, JSF, Hibernate, iBatis, JPA, Axis-2, Jersey
Methodologies/Design Patterns: OOAD, OOP, UML, MVC, Singleton, DTO Pattern, DAO Pattern, Service Fa ade, Factory Pattern
Build Automation: Jenkins, Maven, Ant
Application/Web Servers: IBM Web Sphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x, JBOSS 4.x/3.x
XML processing: DTD, Schema, JAX-P (DOM, SAX), JAX-B
Web Services: RESTful, SOAP
Web Development: HTML, DHTML, XHTML, CSS, Java Script, JQuery, AJAX, LADP, JSF, Bootstrap JS, Node JS, Angular JS
Version Control Tools: CVS, Harvest, IBM Clear case, SVN and GIT
Databases: Oracle 9i/10g/11g, IBM DB2, SQL Server 2005/2008, PostgreSQL, MySQL, MangoDB
Messaging Techologies: JMS, IBM MQ
IDE s: Eclipse, NetBeans, RAD, WSAD
Testing and Logging Frameworks: Junit, Log4j, Mockito, Finesse Tests
Reporting Tools: Crystal Reports 11, Jasper Reports
Tools: Rational Rose, MS Visio, XML Spy, TOAD
Operating Systems: Windows 98/2000/NT/XP, AIX, Sun Solaris, HP-UX

PROFESSIONAL EXPERIENCE:

CVS, Woonsocket, Rhode Island   **Full Stack Java Developer**
April 2016 – Present

Responsibilities:

- Involved in various stages of Software Development Life Cycle (SDLC) deliverables of the project using the Agile methodology.
- Used AWS Cloud platform and its features which include **EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation, Cloud Front, S3, and Route53**.
- Expertise in building rich, interactive user interfaces using **HTML, CSS, JavaScript, jQuery, Node.Js and Angular.Js**.
- Gathered and clarified requirements with business analyst to feed into high-level customization design, development and installation phases.
- Used **Spring Framework** for dependency injection for Action classes using Application Context XML file.
- Involved in implementation of MVC pattern using **JSP** and **Spring Controller**.
- Developed business objects using **Spring IOC, Spring MVC and Spring AOP. Implemented MVC architecture using JSP Spring, Hibernate** and used Spring Framework to initialize managed beans and services.
- Implemented SOA architecture with Web Services using **SOAP, JAX-WS, WSDL, UDDI and XML**.
- Used Collections for Model classes in the DAO layer (Data Access Object) Involved in modifying some changes in DAO layer using Hibernate.
- Created mappings among the relations and written SQL queries using Hibernate.
- Implemented **Concurrency, Exception Handling** and **Collections** whenever necessary.

- Used Entity Beans to persist the data into IBM DB2 database like database access components, Creating Schemas and Tables.
- Used SQL to perform data mapping and backend testing, also documented all the SQL queries for future testing purpose.
- Created process flow for deploying application in Web Sphere application server.
- Managed build, reporting and documentation from the project information using **Jenkins**, **Maven Tool and SVN** for version control.
- Used Jenkins for Continuous Integration.
- Used **JUnit** for testing and used **JIRA** for tracking bugs.
- Responsible for the dealing with the problem, bug fixing and troubleshooting.

 Environment: Java, J2EE, HTML, CSS, JavaScript, jQuery, Ajax, Spring, Spring IOC, Spring AOP, Spring MVC, Hibernate, REST, SOAP, XML, Eclipse, PL/SQL, JUnit, Maven Build Tool, DB2, JIRA, Jenkins, SVN and IBM Web Sphere, AngularJS, EBS, AMI, SNS, RDS, Cloud Watch, Cloud Trail, Cloud Formation, Auto scaling

Toll Brothers, Horsham Township, Pennsylvania   Software Engineer December 2015 - March 2016

Responsibilities:

- Developed **JSP** and extensively used tag libraries.
- Designed the system with **OOAD** methodology using various design patterns like **factory method, Singleton, Adaptor, Template** etc.
- Implementing and planning the server-side architecture using **Spring and Hibernate**
- Configured the spring framework for entire business logic layer with XML bean configuration files.
- Preparation of Low Level Designing and High Level Designing and relevant documentation.
- Extensively used Spring IOC for **Dependency Injection** and worked on **Custom MVC Frameworks** loosely based on **Struts**
- experienced in build tools like Micro services, Ant, Maven and Gradle tools.
- Wrote Controller classes in **Spring MVC** framework in the web layer.
- Produced the shopping cart on the client Front-end using **jQuery, JavaScript, HTML5, CSS3.**
- Extensively used Eclipse based STS IDE for building, developing and integrating the application.
- Used Table per hierarchy inheritance of hibernates and mapped polymorphic associations.
- Developed one-much, many-one, one-one annotation based mappings in Hibernate.
- Wrote queries Using **Cassandra** CQL to create, alter, insert and delete elements.
- Developed DAO service methods to populate the domain model objects using hibernate.
- Used java collections API extensively such as **Lists, Sets and Maps.**
- Wrote DAO classes using spring and Hibernate to interact with database for persistence.
- Developed components of web services (JAX-WS, JAX-RPC) end to end, using different **JAX-WS** standards with clear understanding on **WSDL, SOAP** using various message patterns
- Performed on e-Commerce by using **JSF** framework and **JavaScript, jQuery, HTML5 pages**
- Wrote and tested Java Beans to retrieve trading data and subscriber's information from MySQL database server,
- Extensive experience in Angular.JS for application implementation, proficient in creating modules, controllers, route-Providers, factory services, ng-repeat, customizable filter, http get/post methods and directives to realize functionalities like **REST service with Ajax call** , input validations, searchable and sortable contents.
- Implemented Unit and Integration test cases with **JUnit** Framework based on Functional Flow.

- Used tools like My Eclipse IDE, configured and deployed the applications onto Web Logic application server
- Configured Log4j for logging and debugging

Environment: Eclipse, Java J2EE, HTML, JSP, JAX RPC, JAXB, CSS3, JavaScript, and jQuery, Spring MVC, Hibernate, RESTful web services, Apache Tomcat7.0, Cucumber, Cassandra, Junit, Jenkins, Maven, GitHub, XML, Log4j, EJB, MySQL, Ajax.

Dairy Farmers of America, Kansas City, Missouri   Java Developer
November 2014 – December 2015

Responsibilities:

- Responsible for developing **use cases, class** and **sequence diagram** for the modules using UML and Rational Rose.
- Identifying and design of common interfaces across multiple systems or modules of social insurance.
- Developed the application using **Spring Framework** that leverages classical **Model View Layer (MVC)** architecture. UML diagrams like use cases, class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used.
- Developed J2EE modules using **XMI** and **CORE JAVA**.
- Interaction with Business users for **user** and **system acceptance testing.**
- Validated the data against the business rules.
- Data access layer is implemented using **Hibernate**.
- Used **Apache POI** to generate Excel documents
- Implemented **Struts action** classes.
- Used **Spring Security** for Authentication and authorization extensively.
- Utilized **Eclipse** to create JSPs/Servlets/Hibernate that pulled information from a Oracle database and sent to a front end GUI for end users.
- Used **JDBC** for Oracle database connection and written number of stored procedures for retrieving the data.
- Developed modules for validating the data according to business rules and used **Castor** to convert data into array of **XML** strings and **XSLT** for transformation.
- Used Hibernate for data persistence.
- Developed **SOAP** based HTTP requests for communicating with Web Services.
- Was involved in the design of multi-tier architecture using **EJB, Servlets and JSP**.
- Used **Spring Dependency Injection** properties to provide loose-coupling between layers.
- Collaborated with Web designers to create the **JSP pages, applying HTML, JavaScript, JQuery** and **Struts Tags**.
- Extensively worked on debugging using Logging Frameworks such as **Apache Log4j**.
- Created test plans for unit testing to validate component functionality.

Environment: Java 1.4.2, J2EE, Servlets, MVC, Web services, Struts, Spring - Core, MVC, Security, Eclipse, Hibernate, XML, XSLT, EJB, JSP, JDBC, JAX-B, JQuery, JavaScript, HTML, Log4j, Oracle 10g, Apache POI, Caster, XMI.

Bank of Utah, Ogden, Utah   J2EE Developer
May 2013 – October 2014

Responsibilities:

- Designed and developed **Servlets** and **JSP**, which presents the end user with form to submit the details of the problem.
- Created **SQL statements** and **triggers** for the effective retrieval and storage of data from the database.
- Performed **JUnit** testing, proposed and implemented performance enhancements, worked with Oracle databases, running SQL scripts and stored procedures.
- Developed **Restful** based Web Services.
- Was involved in the design of multi-tier architecture using **EJB, Servlets** and **JSP**.
- Developed Servlets used to store user information in the database, which makes a JDBC-ODBC connection to the database and inserts the details into to the database.
- Designed and developed a Servlet, which presents the engineer a form to submit solution to particular problem.
- Setting up test environments and configuring various components of the application using **JDBC** API to establish a connection with oracle database and configuring.
- Designed and developed a **Servlet**, which allows the end user to query on the problem, makes a JDBC-ODBC connection to the database and retrieve the details regarding the call number and the status of the submitted problem.

Environment: Java, J2EE, Servlets, JSP, EJB, Custom tags, JDBC, JUNIT, Restful, Data Source, DAO, VO Patterns, Tomcat 5.0, SQL, Oracle 9i, Linux.

Epsilon, Irving, Texas   **Junior Java Developer**
January 2012 – April 2013

Responsibilities:

- Designed the user interfaces using **JSP**.
- Developed **Custom tags, JSTL** to support custom User Interfaces.
- Developed the application using **Struts** (MVC) Framework.
- Implemented Business processes such as user authentication, Account Transfer using **Session EJBs**.
- Used Eclipse to writing the code for JSP, Servlets, Struts and EJBs.
- Deployed the applications on **Web Logic Application Server**.
- Used Java Messaging Services (**JMS**) and Backend messaging for reliable and asynchronous exchange of important information such as payment status report.
- Developed the **Ant** scripts for preparing WAR files used to deploy J2EE components.
- Used **JDBC** for database connectivity to Oracle.
- Worked with Oracle Database to **create tables, procedures, functions** and **select statements**.
- Used **JUnit Testing, debugging** and **bug fixing.**
- Used **Log4J** to capture the log that includes runtime exceptions and developed WAR framework to alert the client and production support in case of application failures.
- Worked in Rational Unified Process (**RUP**) Methodology.

Environment: Java, J2EE, JSP, JSTL, JDBC, Struts, EJB, JMS, Oracle, HTML, XML, Web Logic, Ant, CVS, Log4J, JUnit, JMS, PL/SQL, JavaScript, Eclipse IDE, UNIX Shell Scripting, Rational Unified Process (RUP).

Education:

Bachelor of Computer Science – University of North Texas, Denton, Texas